

NOTES:

1. GLAZING PANEL OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (6) #8x1" SCREWS INSTALLED IN TOP SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75" AND A MAXIMUM LENGTH OF 16.75". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. SLIDE LOCKS REQUIRED.

4. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO .052" MINIMUM VINYL FACER AND A POLYLAMINATE BACKER. END CAP TO HAVE A MINIMUM 1.3" DEPTH.

5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)

16 GA MIN VERT TRACK

5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB JAMB BRACKET LOCATION

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

SLIDE LOCK EACH END (SEE NOTE 3).

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 ON THIS SHEET FOR GLAZING OPTIONS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)	POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)
7'-0"	7'-0"	+111.6/-124.2	+626.8/-699.8
8'-0"	8'-0"	+111.6/-124.2	+712.3/-795.2

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	6	QI	2" (JB), 13" (QI), 25-1/2" (JB), 34" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	6	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	5	8	QI	2" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 58" (JB), 67" (QI), 75" (JB)
8'-0"	5	8	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 57-1/4" (JB), 66" (JB), 75-1/2" (JB)

NOTE:

(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.

(QI) FOLLOWING DIMENSION DENOTES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLOT. NO ADDITIONAL HARDWARE NEEDED TO ATTACH TO TRACK.

REVISIONS

P1 REMOVED CONCRETE SPECIFICATION FROM NOTES AND ADDED DETAIL H SHEET 2 FOR CONCRETE SPECIFICATION. GRT 3/25/08

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+25.90/-28.80	MAX WIDTH:	18'-0"	DATE		NAME	
TEST (PSF):	+38.85/-43.20	MAX HEIGHT:	8'-0"	DRAWN	1/18/08	GRT	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT: 21"	CHECKED	2/27/08	MRB		
MODEL 9300				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1442				DRAWING PART NO.		REV.	
				333516		P1	

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U-BAR SPACER
FACTORY INSERTED INTO
END OF U-BAR

JB-1 JAMB BRACKET
ATTACHED TO TOP
FIXTURE WITH (1)
1/4-20x1" BOLT AND NUT
AND ATTACHED TO END
STILE WITH (1)
1/4-20x5/8" SELF
DRILLING SCREW

DETAIL A

14 GA UPPER HINGE
ATTACHED WITH (2)
1/4-14x5/8" CRIMPITE
SCREWS

14 GA LOWER HINGE
FACTORY ATTACHED WITH (1)
#12-14x1/2" SELF TAPPING
SCREW

2" NYLON
STORMGARD ROLLER
WITH 4-1/2" STEM

DETAIL B

14 GA UPPER HINGE ATTACHED
WITH (2) 1/4-14x5/8"
CRIMPITE SCREWS

14 GA LOWER HINGE
FACTORY ATTACHED WITH
(1) #12-14x1/2" SELF
TAPPING SCREW

DETAIL C

BOTTOM NYLON ROLLER
CARRIER FACTORY
ATTACHED

DETAIL D

2500 PSI MIN
CONCRETE

8" X 8" MIN
TURNDOWN SLAB
AT EDGE

DETAIL H

ADJUSTABLE TOP
FIXTURE ATTACHED TO
U-BAR WITH (2)
1/4-20x1" BOLTS AND
NUTS (1 THROUGH JB-1
JAMB BRACKET AND
TOP FIXTURE)

HEADER
HEADER LOCK
BRACKET

TOP PLATE
EXTENSION

TOP LOCK
PLATE

(4) 5/16x1-5/8"
LAG SCREWS

5/16-18x2-1/2"
HEX BOLT & NUT

(4) 5/16-12x1"
SELF DRILLING
SCREWS

INNER
POST

DETAIL E

STRAP
BRACKET

LOCKING
STRAP

5/16"
HITCH PIN

(2) 1/4-20x5/8"
SELF DRILLING
SCREWS

(2) 5/16-12x1"
SELF DRILLING
SCREWS W/ 5/16
FLAT WASHERS

DETAIL F

1/2-13x3-1/2"
HEX BOLT & NUT

ALUMINUM
POST

(4) 5/16-12x1"
SELF DRILLING
SCREWS

BOTTOM
LOCK
PLATE

DETAIL G

(5) SECTION DOORS
WITH (6) 3", 18 GA,
80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS
WITH (5) 3", 18 GA,
80 KSI U-BARS
LOCATED AS SHOWN

U-BAR ATTACHMENT NOTES

ALL U-BARS AT SECTION JOINTS SHALL HAVE (3)
#12-14x1/2" SELF TAPPING SCREWS AT EACH HINGE
LOCATION AND (2) #12-14x1/2" SELF TAPPING
SCREWS HALF WAY BETWEEN EACH HINGE LOCATION.
U-BARS LOCATED ON THE TOP OF THE TOP SECTION
AND THE BOTTOM OF THE BOTTOM SECTION SHALL
HAVE (2) #12-14x1/2" SELF TAPPING SCREWS AT
EACH STILE LOCATION AND HALF WAY BETWEEN
EACH STILE LOCATION.

REVISIONS

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SPECIFICATION FROM
NOTES AND ADDED
DETAIL H SHEET 2 FOR
CONCRETE SPECIFICATION.
GRT 3/25/08

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Dalton**

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